

(Pharmacia) column to remove the unreacted DTT. Doxorubicine (DOX) is treated with glutaraldehyde at room temperature and added to the antibody. The mixture is mixed in a rotary shaker for 1 hour. Unreacted DOX is removed by gel PD-10- filtration.

Biotinylated double stranded DNA is cross-linked to the antibody by incubation for 30 minutes at room temperature with 48ml borate saline. (Ross, G. D. et al. J summernole 135, 2005-14,1985).

I claim: the process comprising the following steps:

1. A chemotherapeutic agent attached to a monoclonal antibody.
2. The antibody of claim 1 wherein said antibody is combined with DNA to yield a heteropolymer.
3. The drug heteropolymer of claim 2 wherein said heteropolymer is injected into a living host in a therapeutically effective amount.
4. The process of claim 1 for cancer.
5. The process of claim 1 for rheumatic disease.
6. A method of attaching a cheomtherapeutic agent with a monoclonal antibody, combining the antibody with DNA to yield a drug-heteropolymer, and injecting the drug-heteropolymer into a living host in a therapeutically effective amount.
7. The method of claim 6 for cancer.
8. The method of claim 6 for rheumatic disease.